



(PCT Article 36 and Rule 70)

pplicant's or agent's file reference	FOR FURTHER AC	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
nternational application No.	International filing date (d 31.07.2003	lay/month/year) Priority date (day/month/year) 01.08.2002			
nternational Patent Classification (IPC)	s) or both national classification at	nd IPC			
Applicant NEUROSEARCH A/S					
This international prelimina Authority and is transmitted	y examination report has bee to the applicant according to	n prepared by this international Preliminary Examining Article 36.			
2. This REPORT consists of a	total of 5 sheets, including the	nis cover sheet.			
This report is also ac been amended and a	companied by ANNEXES, i.e. re the basis for this report and Section 607 of the Administra	sheets of the description, claims and/or drawings which have the sheets containing rectifications made before this Authority tive Instructions under the PCT).			
These annexes consist of					
3. This report contains indica	tions relating to the following	items:			
⊠ Basis of the op	inion				
II ☐ Priority		annicability			
III 🖾 Non-establish	nent of opinion with regard to	novelty, inventive step and industrial applicability			
IV 🔲 Lack of unity of	f invention	was a standard industrial applicability			
V ⊠ Reasoned sta citations and e	tement under Rule 66.2(a)(ii) explanations supporting such s	with regard to novelty, inventive step or industrial applicability; statement			
VI 🗌 Certain docur					
VII 🔲 Certain defec	s in the international application	on			
VIII 🔲 Certain obser	vations on the international ap	pplication .			
Date of submission of the demand		Date of completion of this report			
24.01.2004		28.12.2004			
Name and mailing address of the preliminary examining authority:	international	Authorized Officer			
Furonean Patent C	ffice	Beeck, M			
D-80298 Munich	0 Tx: 523656 epmu d				
Fax: +49 89 2399	4465	Telephone No. +49 89 2399-8473			

International application No.

PCT/DK 03/00518

1.	Basis	of the	report
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Desc	scription, Pages				
1-23			as originally filed			
Claims, Numbers						
		iis, italiibois	an aviainath offlad			
	1-11		as originally filed			
	Drav	vings, Sheets				
	1/2-2	12	as originally filed			
2.	 With regard to the language, all the elements marked above were available or furnished to this Authority is language in which the international application was filed, unless otherwise indicated under this item. 					
These elements were available or furnished to this Authority in the following language: , which is:						
		the language of a trar	nslation furnished for the purposes of the international search (under Rule 23.1(b)).			
		the language of public	cation of the international application (under Rule 48.3(b)).			
		the language of a trar Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under s).			
3.	With inte	n regard to any nucleo mational preliminary e	otide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:			
		contained in the inter	national application in written form.			
		filed together with the	e international application in computer readable form.			
		furnished subsequen	atly to this Authority in written form.			
		furnished subsequen	ntly to this Authority in computer readable form.			
		The statement that the in the international approximation of the statement	he subsequently furnished written sequence listing does not go beyond the disclosure pplication as filed has been furnished.			
		The statement that the listing has been furni	he information recorded in computer readable form is identical to the written sequence ished.			
4	. The	amendments have re	esulted in the cancellation of:			
		the description,	pages:			
		the claims,	Nos.:			
		the drawings,	sheets:			

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		4 .						
5.		This report has been established been considered to go beyond the	l as if (ne disc	(some of) the losure as file	amendments had not been m	ade, since they have		
		(Any replacement sheet contain report.)	ing sud	ch amendme	nts must be referred to under i	tem 1 and annexed to this		
6.	Add	itional observations, if necessary	:					
H11.	Nor	n-establishment of opinion with	n rega	rd to novelty	, inventive step and industri	al applicability		
1.	The obv	The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non- obvious), or to be industrially applicable have not been examined in respect of:						
		N. A. C. Washing						
	\boxtimes	claims Nos. 10,11			•			
		because:						
	×	the said international application, or the said claims Nos. 10,11 relate to the following subject matter which does not require an international preliminary examination (specify):						
		see separate sheet						
		the description, claims or drawings (indicate particular elements below) or said claims Nos, are so unclear that no meaningful opinion could be formed (specify):						
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.						
		no international search report h				<i>t*</i>		
2	or	A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:						
		the written form has not been furnished or does not comply with the Standard.						
		the computer readable form ha	as not	been furnishe	ed or does not comply with the	Standard.		
,	/. Re	easoned statement under Artic tations and explanations supp	le 35(2 orting	2) with regar such staten	d to novelty, inventive step onent	or industrial applicability		
	ı. St	atement #.						
	N	ovelty (N)	Yes: No:	Claims Claims	1-6,8-10 7,11			
	In	ventive step (IS)	Yes: No:	Claims Claims	1-6,8-10 7,11			
	ir	dustrial applicability (IA)	Yes:	Claims	1-9	•		

No: Claims

2. Citations and explanations

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see separate sheet

. D1: VANGELIS G. MANOLOPOULOS ET AL: "Inhibition of angiogenesis by blockers of volume-regulated anion channels" GENERAL PHARMACOLOGY, vol. 34, 2000, pages 107-116, XP002262438

D2: ANTONIO R.T. ET AL: "Antiangiogenic and antiproliferative activity of suramin analogues" CANCER CHEMOTHER PHARMACOL, vol. 41, 1998, pages 117-124, XP002262441

SECTION III:

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Claims 10 and 11 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the **industrial applicability** of the subject-matter of these claims (Article 34(4)(a)(I) PCT).

SECTION V:

 Documents D1 and D2 describe the use of VRAC blockers for inhibiting angiogenesis (see the whole documents).

Therefore the subject-matter of claims 7 and 11 is not novel (Article 33 (2) PCT).

2) The subject-matter of claims 1 to 6 and 8 to 10 differs from the cited prior art in the specific chemical structure of the compounds of formula (I) which was not obvious for the person skilled in the art.

Therefore the subject-matter of claims 1 to 6 and 8 to 10 involves an inventive step.

3) For the assessment of the present claims 10 and 11 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.